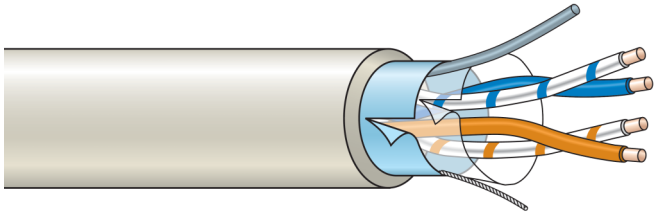
# WCAT52

**Netwerkkabel type FTP 2x2 AWG24/1 CAT5e (enhanced), 500 meter haspel, geschikt voor toepassing in ATS bussystemen en FP1200 en FP2000 brandmeldsystemen**



## Details

- 2 x 2 x AWG 24/1 FTP, category 5, enhanced

# WCAT52

## Netwerkkabel type FTP 2x2 AWG24/1 CAT5e (enhanced), 500 meter haspel, geschikt voor toepassing in ATS bussystemen en FP1200 en FP2000 brandmeldsystemen

## Technische specificaties

### Shielding

| | |
|---|---|
| Shielded | Yes |
| Shield | 1 tinned copper D.W.26/1 AWG + AL/PET tape |
| Insulation type | Solid |

### Core

| | |
|---|---|
| Conductor size | 0.52 mm² |
| Conductor material | Bare copper AWG 24/1 |
| Wire colours | White-blue+blue, White-orange+orange |

### Jacket

| | |
|---|---|
| Jacket colour | Cinzento - RAL 7032 |
| Jacket material | F.R. PVC |

### Electrical Characteristics

| | |
|---|---|
| Nominal velocity of propagation | 74.00% |
| Max. propagation delay | 4.8 nsec/m |
| Max. propagation delay skew | 0.10 nsec/m |
| Test voltage | 700 VAC per 1 min |
| Max. rating voltage | 125 V (not for power purposes) |
| Insulation resistance | 2 Gohm/km |
| Max.conductor DC resistance | 16.8 ohm/100 m at +20°C |
| Nominal (mutual) capacitance | 47 pF/m at 1 KHz |
| Max. capacitance unbalanced | 100 pF/100 m at 1 KHz |
| Characteristic impedance | 100 ±15 ohm |
| Structural return loss | 25 db @ 20 MHz, 23 dB @ 100 MHz, 20 db @ 200 MHz |

### Physical

| | |
|---|---|
| Cable length | 500 m |
| No. of wires | 4 |
| Min. bend radius | 42 mm |
| Max. pull strength | 10 kg |
| Outer dimensions | 5.20 mm |
| Weight | 30 kg/km |

### Environmental

| | |
|---|---|
| Halogen free | No |
| Operating temperature | -20 to +75°C |
| Heat release | 507 MJ/km |

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